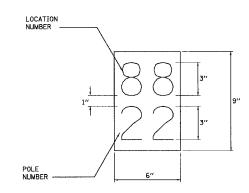
F.A.I. RTE.	SECTION	C	OUNT	Y	TOTAL SHEETS	SHEET NO.
80	(50-5)HBK	-2	LASAL	LE	331	120
STA.		TO	STA.			
FED. RO	AD DIST. NO.	ILLINOIS	FED.	AID	PROJECT	

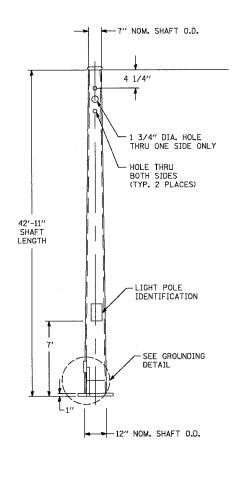
LIGHT POLE IDENTIFICATION:

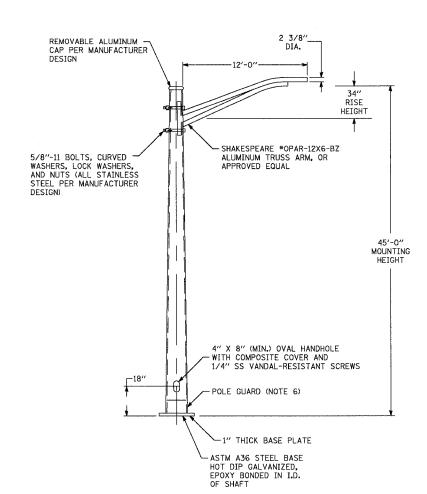


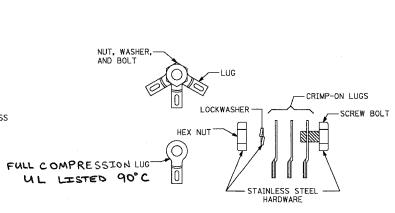
THE CONTRACTOR SHALL FURNISH AND INSTALL A LIGHT POLE IDENTIFICATION ON EACH LIGHT POLE PER SECTION 1069.06 OF THE S.S., AS SHOWN ABOVE, INCIDENTAL TO THE RESPECTIVE LIGHT POLE PAY ITEM. THE NUMERALS SHALL BE 3" HIGH SERIES "D", BLACK, SCREENED ON SILVER-WHITE TYPE B PRESSURE SENSITIVE REFLECTIVE SHEETING CONFORMING TO THE REQUIREMENTS OF SECTION T602.01 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. THE NUMERALS SHALL COMPONENT OF LEGISLA CANADADA A DURBETS FOR LICENSE" SHALL CONFORM TO THE FHWA "STANDARD ALPHABETS FOR HIGHWAY SIGNS".

THE LIGHT POLE IDENTIFICATION SHALL BE APPLIED TO SIGN BASE MATERIAL AS SPECIFIED IN SECTION 1085.05 OF THE SUPPLEMENTAL SPECIFICATIONS, APPROXIMATELY 7' ABOVE THE ADJACENT PAVEMENT GRADE VISIBLE TO APPROACHING TRAFFIC IN ACCORDANCE WITH HIGHWAY STANDARD 2319.

I-80 & CH15 (MARSEILLES) LOCATION NUMBER 88, POLE NUMBER 1-34







1 1/4" X 2" SLOT (TYP 4 EQUALLY SPACED-ON A 15" CIRCLE)

NOTES:

- FINISH:

1 - INIJOH: SMUUTH
2 - COLOR: DARK BRONZE (HIGH UV RESISTANCE POLYURETHANE FINISH)
3 - MATERIAL: FIBERGLASS REINFORCED COMPOSITE (65% GLASS BY WEIGHT)
4 - DESIGN, MATERIALS, AND FINISH (SEE IDOT SPECIFICATIONS)
5 - 110 MPH=Design Wind Speed PER CURRENT AASHTO WITH 50 Year
MINIMUM DESIGN IFF

MINIMUM DESIGN LIFE

PROVIDE POLE GUARD, SHAKESPEARE *PG12.5-Y5H OR APPROVED EQUAL, MOUNTED ABOVE POLE BASE PLATE

THE GROUND WIRES INSIDE OF THE POLE SHALL BE INCLUDED IN THE COST OF "WIRE IN THE POLE", WHICH IS INCIDENTAL TO THE LUMINAIRE

E-7

	REVISIONS				
	NAME	DATE			
	RG	1/17/07			
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Engineering, Inc.			D		

ILLINOIS DEPARTMENT OF TRANSPORTATION

STANDARD DETAILS COMPOSITE POLE

SCALE: NONE DATE 11/02/07

DRAWN BY VG CHECKED BY PV

POLE WIRING, BREAKAWAY COUPLINGS, & STEEL FOUNDATION

- VENTILATING STAINLESS STEEL SCREEN

GROUNDING ATTACHMENT DETAILS NO SCALE

- 1/4-20 STAINLESS STEEL HARDWARE ATTACHES HANGER

STEEL HANGER FOR WIRING SUPPORT

1/2-13 X 2"

STAINLESS STEEL BOLT AND NUT W/FLAT WASHER

- 1/4" X 1 1/2" GALV. STEEL GROUNDING BAR

1/2-13 STAINLESS STEEL HARDWARE

- 2-1/C #10 XLP-USE CABLE

LISE 2 POLE FLISED QUICK DISCONNECT

3/8" X 1 1/2" STEEL TAB WELDED TO STEEL BASE BEFORE GALVANIZING

POLE TOP DETAIL

GROUNDING DETAIL

STAINLESS STEEL HARDWARE FOR

GROUNDING

FIBERGLASS REINFORCED

COMPOSITE SHAFT

8" (MIN.) HANDHOLE

OPENING

GALVANIZED STEEL BASE

#2/O GROUND WIRE TO LUMINAIRE GROUND LUG

SURGE PROTECTOR (METAL OXIDE-

VARISTOR TYPE)

BREAKAWAY COUPLINGS

POLE GROUND LUG IS BONDED TO GROUNDING BAR AND POLE

BASE PLATE (SEE GROUNDING

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